ICOM

IC–F3360DT
VHF Transceiver with Full Keypad

IC–F4360DT
UHF Transceiver with Full Keypad

IC–F3360DS
VHF Transceiver with Simple Keypad

IC–F4360DS
UHF Transceiver with Simple Keypad

Ready for NXDN™ Type-C Trunking with Superior Waterproof Protection

iDAS™
ICOM DIGITAL ADVANCED SYSTEM

Type-C Trunking Compatible

The IC-F3360D series provides NXDN™ Type-C trunking and NXDN™ conventional systems.

- Paging call
- All call
- Individual call
- Text message
- Stun, Kill and Revive (RX)
- Over-the-air alias
- 15-bit digital scrambler
- Mixed mode operation (Conventional system)
- Broadcast call
- Group call
- Status call
- Emergency call
- Radio check (RX)
- GPS
- RAN

Menu-driven User Interface

The menu-driven user interface provides easy and intuitive operation. The functions can be toggled with the left and right [P2] and [P3] buttons and allow you to perform various operations and settings.

Built-in GPS Receiver

Your current position data can be attached to a voice or data (status or emergency signal) transmission and can be sent to dispatch stations.

Man Down & Lone Worker

The man down function sends an emergency signal if left in a horizontal position. The lone worker function detects if the transceiver is not operated or not moved for a preset period.

Transparent Data

When IC-F3360D series is connected to a PC or other external equipment, the transparent data function allows data communication in a digital mode.

IP67 Dust-tight & Waterproof

The IC-F3360D series provides rugged protection against dust and water. The transceiver can withstand 1 m depth of water for 30 minutes.

800 mW (typ.) Audio Output

The built-in BTL amplifier doubles the audio output power and the large 40 mm speaker delivers loud 800 mW (typ.) audio to receive all calls under noisy environments.

Other Features

- 512 memory channels with 128 zones
- CTCSS/DTCS/DTMF encoder/decoder*
- MDC 1200 PTT ID transmission*
- Inversion voice scrambler*
- Audio compander*

(* = Analog mode only)

TYPE-C   IP67   GPS   Rugged MIL-STD 810

IC-F4360DS

IC-F3360DT

IC–F3360DT/DS • IC–F4360DT/DS

SPECIFICATIONS

	IC-F3360DT/DS	IC-F4360DT/DS
GENERAL		
Frequency coverage	136–174 MHz	400–470 MHz
Number of channels	512 channels/128 zones	
Type of emission	8K50F3E, 8K30F1E/F1D, 4K00F1E/F1D	
Channel spacing	15/12.5/6.25 kHz	
Power supply requirement	7.5 V DC nominal	
Current drain (approximate)		
Tx High (at 5 W)	1.5 A	1.8 A
Rx Rated output/Standby	550 mA/140 mA	550 mA/140 mA
Antenna impedance	50 Ω	
Operating temperature range	–30 °C to +60 °C; –22 °F to +140 °F (Radio specifications)	
Dimensions (W×H×D) (Projections not included)	53.5 × 142.7 × 39.5 mm; 2.1 × 5.6 × 1.6 in (With BP-232WP)	
Weight (approximate)	400 g; 14.1 oz (With BP-232WP, MB-94R & FA-SC57U)	
TRANSMITTER		
Output power (at 7.5 V DC)	5 W, 1 W (Hi, Low)	
Max. frequency deviation	±2.5 kHz (Narrow)	
Frequency stability	±1.0 ppm	
Spurious emissions	75 dB typ.	
FM Hum and noise	50 dB typ. (Narrow)	45 dB typ. (Narrow)
Audio harmonic distortion	1.5% typ. (AF 1 kHz 40% deviation)	
FSK error	1% typ. (Digital 6.25/12.5 kHz)	
Ext. microphone connector	14-pin multi-connector/2.2 kΩ	
RECEIVER		
Sensitivity (Analog) (Digital)	0.24 µV typ. (at 12 dB SINAD) –8.0 dBµV emf typ. (0.20 µV typ.) (at 5% BER)	
Adjacent channel selectivity	68/67/59 dB typ. (Narrow/D 12.5 kHz/D 6.25 kHz)	
Spurious response rejection	80 dB typ.	
Intermodulation rejection	75/70/70 dB typ. (Narrow/D 12.5 kHz/D 6.25 kHz)	
Hum and noise	50 dB typ. (Narrow)	48 dB typ. (Narrow)
Audio output power (at 5% distortion)	800 mW typ. (Internal SP, 12 Ω load) 1000 mW typ. (External SP, 8 Ω load)	
External speaker connector	14-pin multi-connector/8 Ω	

Measurements made in accordance with TIA-603, EN 301-166 and EN 300-113. All stated specifications are subject to change without notice or obligation.

Applicable U.S. Military Specifications & IP Rating

Standard	MIL 810G	
	Method	**Procedure**
Low Pressure	500.5	I, II
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Temperature Shock	503.5	I-C
Solar Radiation	505.5	I
Rain Blowing/Drip	506.5	I, III
Humidity	507.5	II
Salt Fog	509.5	–
Dust Blowing	510.5	I
Immersion	512.5	I
Vibration	514.6	I
Shock	516.6	I, IV

Also meets equivalent MIL-STD-810-C, -D, -E and -F.

Ingress Protection Standard (IC-F3360D/F4360D, BP-232WP and HM-184/H)	
Dust & Water	IP67 (Dust-tight and waterproof protection)

Supplied accessories: (May differ according to version)
• Battery pack, BP-232WP   • Belt clip, MB-94R   • Antenna

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.

BATTERY PACK AND CASES

IP67

BP-232WP   BP-240   BP-261

Battery packs	Type	Capacity	Operating time*
BP-232WP	Rechargeable Li-ion battery	2200 mAh (min.) 2350 mAh (typ.)	14.5 hours (D) 13 hours (A)
BP-240	LR03 (AAA) batteries × 6		–
BP-261	LR6 (AA) batteries × 6		–

* Approx. Tx: Rx: standby = 5:5:90. Power save function is set to "Short". D means Digital mode, A means Analog mode.
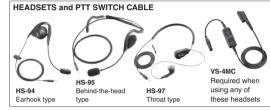
REGULAR CHARGER

BC-171

BC-147SA/SV

Charges the BP-232WP in 8–10 hours (approx.).

RAPID CHARGER

BC-160

BC-123SA

Charges the BP-232WP in 3 hours (approx.).

MULTI-CHARGER

BC-197   BC-157S

Charges up to six BP-232WP battery packs in 3.5 hours (approx.).

SPEAKER-MICROPHONE

IP67

HM-184/H

HEADSETS and PTT SWITCH CABLE

HS-94 Earhook type
HS-95 Behind-the-head type
HS-97 Throat type
VS-4MC Required when using any of these headsets

BELT CLIPS

MB-93   MB-94R

LEATHER BELT HANGERS

MB-96N   MB-96F   MB-96FL

CHARGER BRACKET

MB-130
For use with BC-160

CIGARETTE LIGHTER CABLE & POWER SUPPLY CABLE

CP-23L
For use with BC-160

OPC-656
For use with BC-197

ACC ADAPTOR

AD-118
For use with Hirose plug accessory

CHARGER ADAPTER
• AD-122
AD-122 charger adapter is supplied with the BC-197, depending on BC-197's version.

ANTENNAS
• **FA-SC25V**: 136–150 MHz
• **FA-SC55V**: 150–174 MHz
• **FA-SC25U**: 400–430 MHz
• **FA-SC57U**: 430–470 MHz
• **FA-SC72U**: 470–520 MHz

STUBBY ANTENNAS
• **FA-SC56VS**: 150–162 MHz
• **FA-SC57VS**: 160–174 MHz
• **FA-SC73US**: 450–490 MHz

HIGH GAIN ANTENNAS
• **FA-SC62V**: 150–160 MHz
• **FA-SC63V**: 155–165 MHz

CUT ANTENNAS
• **FA-SC61VC**: 136–174 MHz
• **FA-SC61UC**: 380–520 MHz

Icom Inc.

1-1-32, Kamiminami, Hirano-Ku, Osaka 547-0003, Japan   Phone: +81 (06) 6793 5302   Fax: +81 (06) 6793 0013   **www.icom.co.jp/world**   **Count on us!**

Icom America Inc.
www.icomamerica.com

Icom Canada
www.icomcanada.com

Icom Brazil
E-mail: sales@icombrazil.com

Icom (Europe) GmbH
www.icomeurope.com

Icom Spain S.L.
www.icomspain.com

Icom (UK) Ltd.
www.icomuk.co.uk

Icom France s.a.s.
www.icom-france.com

Icom (Australia) Pty. Ltd.
www.icom.net.au

Shanghai Icom Ltd.
www.bjicom.com

Your local distributor/dealer: